

AC HIGH VOLTAGE KIT - SPECIFICATION

Input Supply : 230V AC, 50Hz

Models : Following products are manufactured by us.

0 – 30KV AC / 100mA
0 – 40KV AC / 100mA
0 – 50KV AC / 100mA
0 – 60KV AC / 100mA
0 – 75KV AC / 100mA
0 – 80KV AC / 100mA
0 – 100KV AC / 100mA

High Voltage Transformer:

Output Current

Capacity : 0.1A maximum

Conductor : Copper.

Type : Double wound

Cooling : Epoxy Moulded / Oil Cooled

Termination : By Epoxy moulded bushing

Input termination : By suitable terminals.

Control Unit:

Input Supply : 230V AC, 50Hz.

Meters : 1 No. Digital KV meter will be provided.
1 No. Digital AC Milli Ammeter will be provided

Indications : Following indications will be provided.

1. Mains ON
2. HT On
3. HT Off
4. Variac Zero
5. Trip

Trip Setting : HT Transformer will be tripped in the following Current settings.

1. 20mA AC
2. 40mA AC
3. 60mA AC
4. 80mA AC
5. 100mA AC

Audio Alarm : Whenever the unit is tripped, an audio alarm will come.

Timer : 1 No. Digital Timer will be provided to set the HV application time.

Other Controls : The following controls will be provided.

1. Mains On/OFF
2. Start Push Button
3. Stop Push Button
4. Reset Push Button
5. Trip Current Selection Switch

Output Adjustment : By suitable manual Variac.